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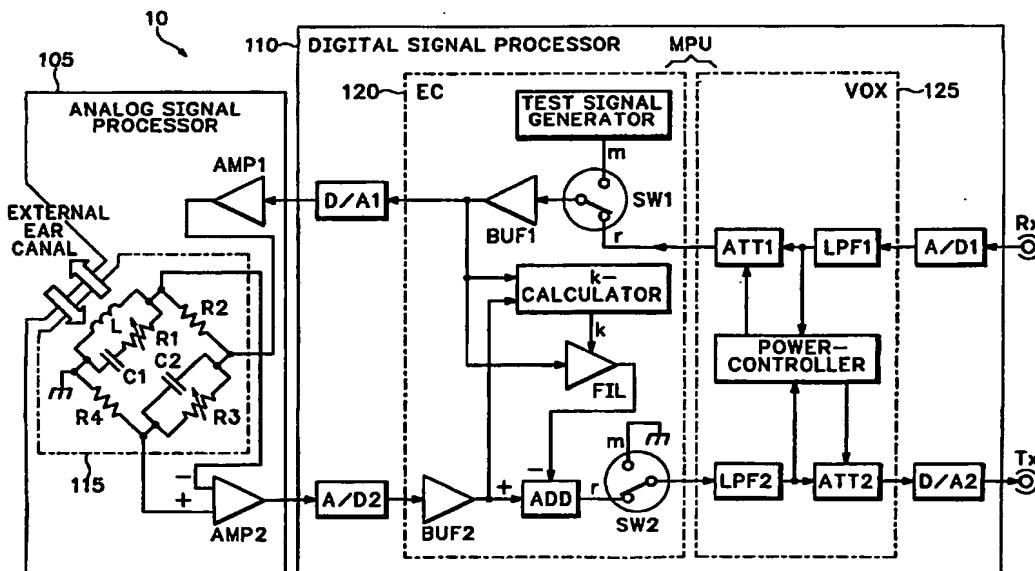
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[Continued on next page]

(54) Title: TWO-WAY COMMUNICATIONS DEVICE HAVING A SINGLE TRANSDUCER



(57) Abstract: Embodiments of the invention provide a small and economical two-way communications device that has both an excellent echo-cancellation function that substantially suppresses echoes over the entire frequency range and an excellent voice-operated exchange function that provides natural switching of conversation sounds while protecting against unnatural disconnection or echoes during conversation, even when a reception signal and a transmission signal are superimposed in a single transducer.



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